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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))		<i>Attorney Docket No.</i>	NLMI.P103C2
		<i>First Inventor</i>	Jose P. Pereira
		<i>Title</i>	Content Addressable Memory, etc.
		<i>Express Mail Label No.</i>	EV 326 939 005 US

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>		<b>ADDRESS TO:</b>  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 94] <i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (<i>if filed</i>)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 57]</p> <p>5. Oath or Declaration [Total Sheets 3]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i></p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>		<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> Paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>	
<b>ACCOMPANYING APPLICATION PARTS</b>			
<p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></p> <p>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: .....</p>			

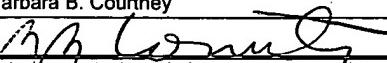
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.: 10/364,147.....

Prior application information: Examiner Thong Quoc Le Art Unit: 2818  
 For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
 The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number:				<b>OR</b>	<input checked="" type="checkbox"/> Correspondence address below
Name	Shemwell Gregory & Courtney LLP				
Address	4880 Stevens Creek Blvd.				
Suite 201					
City	San Jose	State	CA	Zip Code	95129
Country	US	Telephone	408-236-6647	Fax	408-236-6641

Name (Print/Type)	Barbara B. Courtney	Registration No. (Attorney/Agent)	42,442
Signature			
Date	November 18 2003		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

03917 10/716140 U.S. PTO



111803

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 810.00)

## Complete if Known

Application Number	Not assigned
Filing Date	HEREWITH
First Named Inventor	Jose P. Pereira
Examiner Name	Thong Quoc Le (parent)
Art Unit	2818 (parent)
Attorney Docket No.	NLMI.P103C2

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number	501914
Deposit Account Name	Shemwell Gregory & Courtney

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$)	770.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	17	-20** =	0	X	0	=	0	Extra Claims	Fee from below	Fee Paid
Independent Claims	2	- 3** =	0	X	0	=	0			
Multiple Dependent										

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$)	0

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	40
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3)	(\$ 40.00)

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Barbara B. Courtney	Registration No. (Attorney/Agent)	42,442	Telephone	408-236-6647
Signature			Date	November 18, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization in PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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EXPRESS MAIL CERTIFICATE OF MAILING

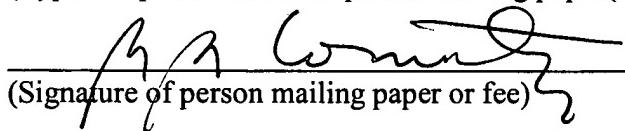
"Express Mail" mailing label number: EV 326 939 005 US

Date of Deposit: November 18, 2003

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and is addressed to the MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 33212-1450.

Barbara B. Courtney

(Typed or printed name of person mailing paper(s) or fee(s))



(Signature of person mailing paper or fee)

Serial/Patent No.: Not Yet Assigned Filing/Issue Date: Herewith Client: NetLogic Microsystems, Inc.

Title: CONTENT ADDRESSABLE MEMORY WITH CONFIGURABLE CLASS-BASED STORAGE

Atty. Docket No.: NLM1.P103C2 Date Mailed: November 18, 2003

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- |  |   |
|--|---|
| <input type="checkbox"/> Amendment/Response ( pgs.)                              | <input type="checkbox"/> Petition for Extension of Time ( month(s))               |
| <input checked="" type="checkbox"/> Preliminary Amendment (15 pgs.)              | <input checked="" type="checkbox"/> Information Disclosure Statement & PTO/SB/08A |
| <input type="checkbox"/> Application - Utility ( pgs.)                           | <input type="checkbox"/> Issue Fee Transmittal                                    |
| <input checked="" type="checkbox"/> Application - Rule 1.53(b) Contin. (94 pgs.) | <input type="checkbox"/> Submission of Formal Drawings                            |
| <input type="checkbox"/> Application - Rule 1.53(b) Divis. ( pgs.)               | <input type="checkbox"/> Notice of Appeal   |
| <input type="checkbox"/> Application - Rule 1.53(b) CIP ( pgs.)                  | <input type="checkbox"/> Appeal Brief ( pgs. in triplicate)                       |
| <input type="checkbox"/> Application - Rule 1.53(d) CPA ( pgs.)                  | <input type="checkbox"/> Reply Brief  |
| <input type="checkbox"/> Application - PCT ( pgs.)                               | <input type="checkbox"/> Response to Notice of Missing Parts                      |
| <input type="checkbox"/> Application - Provisional ( pgs.)                       | <input checked="" type="checkbox"/> Utility Patent Application Transmittal        |
| <input checked="" type="checkbox"/> Drawings (57 sheets)                         | <input checked="" type="checkbox"/> Fee Transmittal (in duplicate)                |
| <input checked="" type="checkbox"/> Declaration & Power of Attorney (3 pgs.)     | <input checked="" type="checkbox"/> Itemized Postcard                             |
| <input checked="" type="checkbox"/> Assignment & Cover Sheet (3 pgs.)            | <input checked="" type="checkbox"/> Express Mail Certificate Of Mailing           |
| <input checked="" type="checkbox"/> Power of Attorney by Assignee (2 pgs.)       | <input checked="" type="checkbox"/> Express Mail No. <u>EV 326 939 005 US</u>     |
| <input checked="" type="checkbox"/> Associate Power of Attorney (2 pgs.)         | <input checked="" type="checkbox"/> Check No. <u>3206</u> Amt.\$810.00            |
| <input checked="" type="checkbox"/> Other <u>IDS Transmittal Letter</u>          |   |

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF:

Serial No.	Filed	Title
09/922,423	8/3/2001	Content Addressable Memory With Error Detection
09/940,832	8/27/2001	Content Addressable Memory With Configurable Class-Based Storage Partition
09/954,827	9/18/2001	Content Addressable Memory With Error Detection Signaling
09/963,334	9/24/2001	Content Addressable Memory With Range Compare Function
09/999,798	10/31/2001	Content Addressable Memory With Block-Programmable Mask Write Mode, Word Width And Priority
09/999,800	10/31/2001	Content Addressable Memory With Selectable Mask Write Mode
10/000,122	10/31/2001	Content Addressable Memory With Programmable Word Width And Programmable Priority
10/002,713	11/1/2001	Content Addressable Memory With Priority-Biased Error Detection Sequencing
10/061,941	2/1/2002	Content Addressable Memory Device
10/062,307	2/1/2002	Content Addressable Memory Device
10/121,344	4/12/2002	Content Addressable Memory With Selective Error Logging
10/163,263	6/5/2002	Content Addressable Memory Device With Simultaneous Write And Compare Function

**Appointment of Associate Attorney Under 37 CFR §1.34(b)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

I, the undersigned, am a principal attorney of record for the above-identified patent applications by virtue of a duly executed power of attorney filed herewith and, as such, hereby appoint Roland B. Cortes, Reg. No. 39,152, of NetLogic Microsystems, Inc. located

at 450 National Ave., Mountain View, CA 94043, telephone (650) 961-6676, as an associate attorney with full authority to prosecute said applications and to transact all business in the Patent and Trademark Office connected therewith.

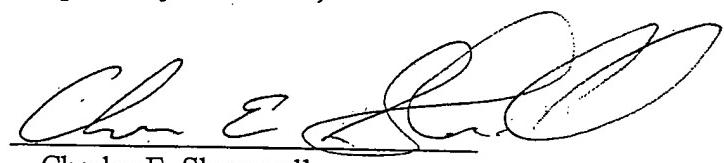
Please continue to direct all communications regarding the above-identified patent applications to the following address:

**Shemwell & Gregory LLP**  
4880 Stevens Creek Blvd., Ste. 201  
San Jose, CA 95129

Telephone: (408) 236-6640  
Facsimile: (408) 236-6641  
Customer No. 30554

Respectfully Submitted,

Date July 16, 2002



Charles E. Shemwell  
Reg. No. 40,171